AUTODOC CLUB

How to change front anti roll bar links on **AUDI A8 (4H2, 4H8, 4HC, 4HL)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A8 (4H2, 4H8, 4HC, 4HL) 6.3 W12 quattro, AUDI A8 (4H2, 4H8, 4HC, 4HL) 3.0 TFSI quattro, AUDI A8 (4H2, 4H8, 4HC, 4HL) 3.0 TDI, AUDI A8 (4H2, 4H8, 4HC, 4HL) 3.0 TDI quattro, AUDI A8 (4H2, 4H8, 4HC, 4HL) 4.2 FSI quattro, AUDI A8 (4H2, 4H8, 4HC, 4HL) 4.2 TDI quattro

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The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A4 Saloon (8E2, B6) 1.8 T quattro

REPLACEMENT: ANTI ROLL BAR LINKS – AUDI A8 (4H2, 4H8, 4HC, 4HL). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Wheel impact socket #17
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the stabiliser links on AUDI A8 (4H2, 4H8, 4HC, 4HL) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – AUDI A8 (4H2, 4H8, 4HC, 4HL) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.

3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
  AUDI A8 (4H2, 4H8, 4HC, 4HL)

5

Remove the wheel.



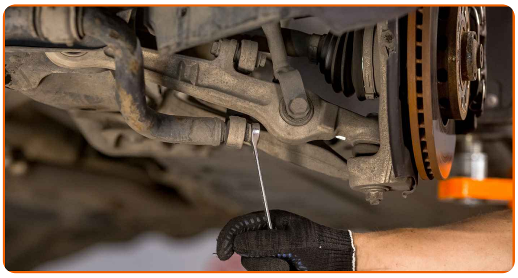
6

Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.



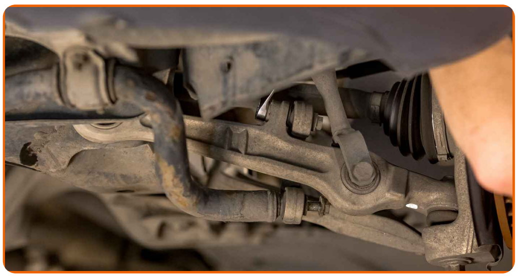
7

Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16.



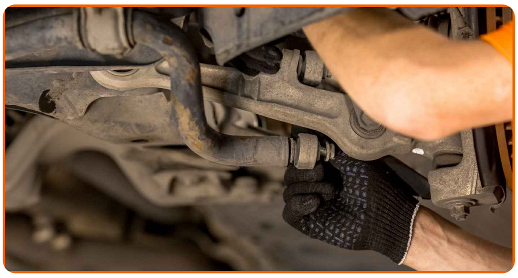
8

Unscrew the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #16.



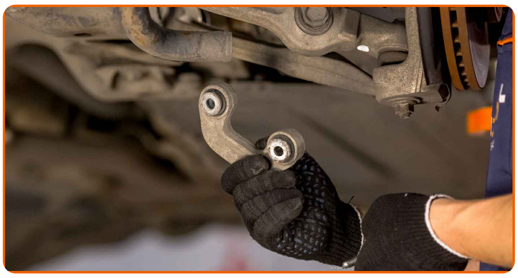
9

Remove the fastening bolts.



10

Remove the stabilizer rod.

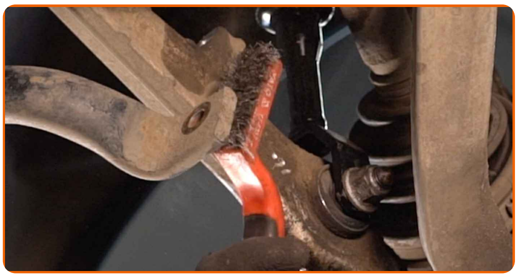


Replacement: anti roll bar links – AUDI A8 (4H2, 4H8, 4HC, 4HL). Professionals recommend:

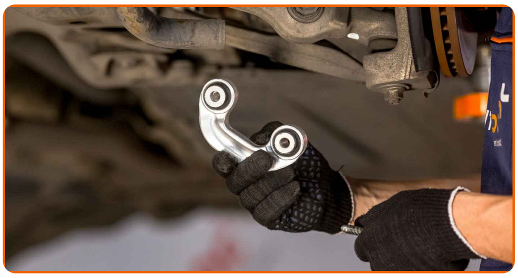
- Examine stabiliser bushes. Replace them if needed.

11

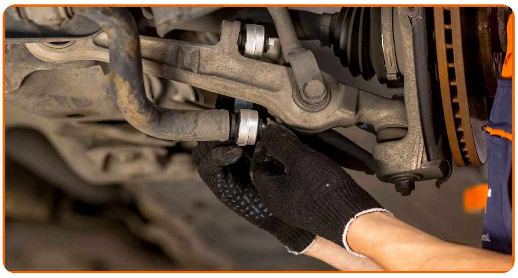
Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



12 Install the transverse stabilizer link.



13 Install the fastening bolts.



14 Tighten the stabiliser link fastener. Use a combination spanner #16.



15 Support the arm. Use a hydraulic transmission jack.



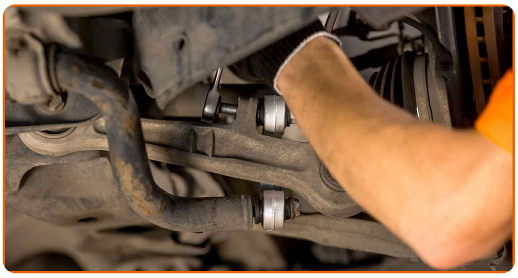
16 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

17

Tighten the fastener connecting the stabilizer bar with the control arm. Use a combination spanner #16. Use a torque wrench. Tighten it to 40 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

18

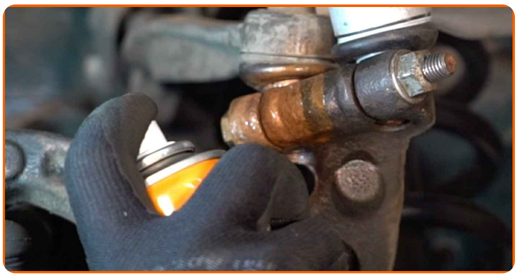
Remove the support from under the arm.



AUTODOC recommends:

- Replacement: anti roll bar links – AUDI A8 (4H2, 4H8, 4HC, 4HL). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

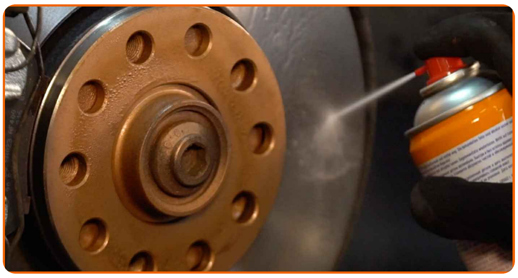
19 Treat all joints of the stabiliser link. Use copper grease.



20 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



21 Clean the wheel rim mounting seat. Use a brake cleaner.



AUTODOC recommends:

- Replacement: anti roll bar links – AUDI A8 (4H2, 4H8, 4HC, 4HL). After applying the spray, wait a few minutes.

22 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI A8 (4H2, 4H8, 4HC, 4HL)

23 Screw in the wheel bolts. Use wheel impact socket #17.



24 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



25 Remove the jacks and chocks.

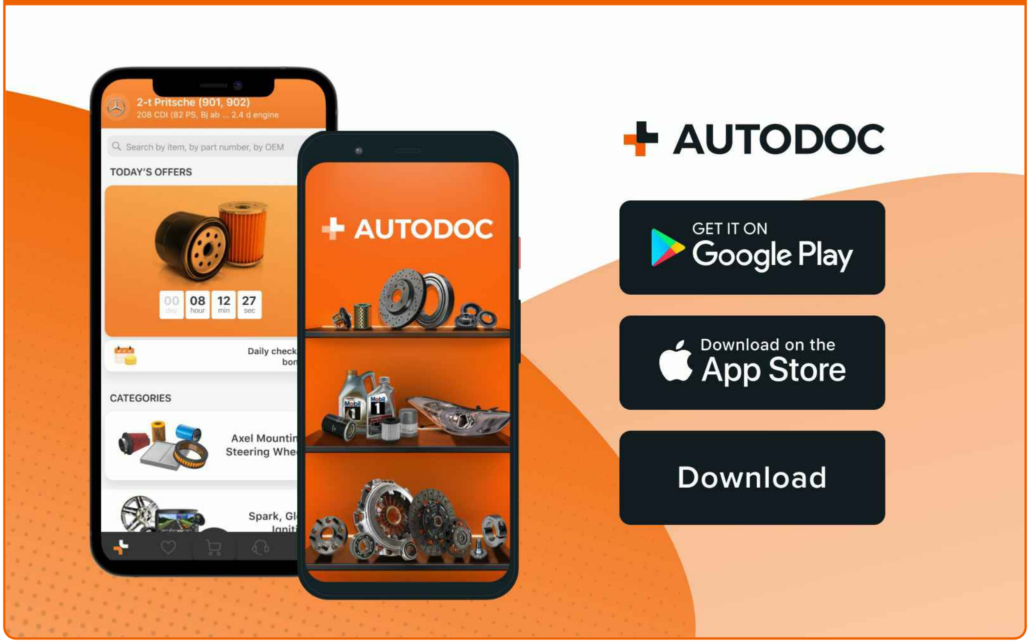


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ANTI ROLL BAR LINKS: A WIDE SELECTION

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